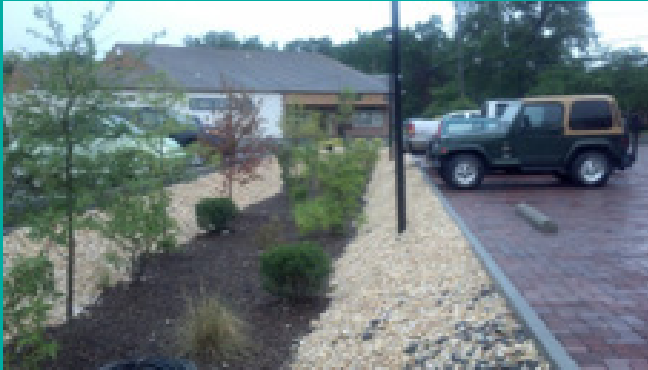


TOWN OF ASHLAND RETROFITS MUNICIPAL PARKING LOT TO CREATE A STORMWATER DEMONSTRATION PROJECT.



LOCATION: Ashland, VA

OWNER: Town of Ashland

PROJECT SIZE: 16,000 SF

ENGINEER: A. Morton Thomas
& Associates, Inc.

CONTRACTOR: Filtterra Bioretention
Systems of Ashland

PAVER TYPE: Eagle Bay Aqua Bric Type 4
“L” permeable interlocking
concrete pavers

THE CHALLENGE

In 2010, the Town of Ashland, VA decided to retrofit their deteriorating municipal parking lot. Their goal was to build a parking lot that would endure the test of time, while benefitting the environment.

THE SOLUTION

The town hired A. Morton Thomas & Associates, Inc., who teamed up with Filtterra Bioretention Systems and Eagle Bay USA to produce the first “boxless” Filtterra BioPave installation in North America. This project utilized the functional, heavy-duty wearing surface of Eagle Bay Aqua Bric, a permeable interlocking concrete paver that detains, infiltrates and drains stormwater. The surface significantly reduces pollutants in stormwater, including sediment, nutrients, heavy metals, oil and grease. Filtterra BioPave provides up to 25-year storm protection – along with a useable parking lot.

THE RESULTS

“The [Filterra BioPave] treatment established detention, retention, volume control, channel protection and pre-treatment, providing robust pollutant removal rates. ”

Filterra BioPave implemented a wholesome stormwater solution for the Town of Ashland, incorporating quality and quantity design. The treatment established detention, retention, volume control, channel protection and pre-treatment, providing robust pollutant removal rates.

Built in the fall of 2012 in about six weeks, the parking lot was completed just in time for the community’s important train day festival. The project was co-funded by the Town of Ashland and a Chesapeake Bay Trust “Green Streets, Green Jobs, Green Towns” grant.

In March 2013, the project was awarded the 2013 Dave Pearson Watershed Excellence Award at the Virginia Lakes and Watersheds Association annual conference.